Human TRAIL R2 / CD262 / TNFRSF10B Protein (His & Fc Tag)

Catalog Number: 10465-H03H

General Information

Gene Name Synonym:
CD262; DR5; KILLER; KILLER/DR5; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB; ZTNFR9

Protein Construction:
A DNA sequence encoding the human TNFRSF10B (NP_003833.3) extracellular domain (Met 1-Glu 182) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

Source: Human
Expression Host: HEK293 Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Bio Activity:
Measured by its binding ability in a functional ELISA. Immobilized human TNFSF10 at 10 μg/ml (100 μl/well) can bind human TNFRSF10B Fc chimera with a linear range of 2.5-40 ng/ml.

Endotoxin: < 1.0 EU per μg of the protein as determined by the LAL method

Stability:
Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Ile 56

Molecular Mass:
The recombinant human TNFRSF10B/Fc is a disulfide-linked homodimer. The reduced monomer consists of 375 amino acids and has a predicted molecular mass of 42.4 kDa. As a result of glycosylation, the apparent molecular mass of rh TNFRSF10B/Fc monomer migrates with an apparent molecular mass of 50 kDa in SDS-PAGE under reducing conditions.

Formulation:
Lyophilized from sterile PBS, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:
Detailed reconstitution instructions are sent along with the products.

References